



DEPARTMENT OF THE ARMY

U.S. Army Corps of Engineers  
WASHINGTON, D.C. 20314-1000

REPLY TO  
ATTENTION OF:

CEMP-MA (415)

18 August 1995

MEMORANDUM FOR ASSISTANT CHIEF OF STAFF FOR INSTALLATION  
MANAGEMENT

SUBJECT: Military Construction, Army(MCA) Budget Estimating

1. I recommend the use of parametric estimates for budget purposes for future MCA programs. This process is ideal for repetitive, standard facilities, but not for unique facilities. A listing of recommended facility types is provided at enclosure. Parametric estimates, based on our experience with the Air Force, are adequate, cost less and would be adequate for the "Green Book". We are confident that this technique will not only yield reliable estimates, but will minimize breakage and allow us to use our limited design resources more efficiently.
2. We can use the design period prior to the budget submission to prepare a sound preliminary design (approximately 10%) including a user approved floor plan and design scheme, geotechnical and topographical data (which historically does not get full evaluation), and an estimate based on the project parameters of size, category, field characteristics and our cost experience.
3. We have studied the use of this system by other services and believe that it will save MCA design dollars. Upon receipt of Code 6 as late as January of the budget year, the design would proceed uninterrupted. Our design costs are historically lower for the design of a project in a single phase as compared to two or more phases. This procedure will enhance execution and be consistent with the other Services. The designer will have an approved preliminary package upon which to base the final design, and therefore be able to proceed expeditiously to completion.
4. Parametric estimating will not degrade our design quality. The real benefit would be the restructuring of our available design time. I look forward to continuing dialogue with you and your staff on this and other initiatives aimed at improving project delivery.

FOR THE COMMANDER:

ALBERT J. GENETTI, JR.  
Major General, USA  
Director of Military Programs

Encl